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REMARKS

Claims 1-30 of the application stand rejected. Claims 3, 13 and 23 have been amended herein to more clearly define the scope of the presently claimed invention. No new claims have been submitted. Applicants respectfully submit that the claims and remarks presented herein overcome the Examiner's rejections in the Final Office Action dated July 2, 2004 in the parent application.

Claim Objections

Claims 3, 13 and 23 were objected to because the Examiner requested the phrase "wherein the line of site" be changed to "the line of sight". Applicants respectfully submit that appropriate corrections have been made to these claims and respectfully request the Examiner to withdraw the objection to Claims 3, 13 and 23.

35 U.S.C. §102

Claims 1-5, 7-15, 17-25 and 27-30 are rejected under 35 U.S.C. §102 as being anticipated by Brown (U.S. Patent No. 5,461,709). The Examiner submits that Brown teaches all the elements of independent Claims 1, 11 and 21. Applicants respectfully traverse the rejection.

The invention, as claimed in independent Claims 1, 11 and 21 is directed to a system, apparatus, method and article for moving an object on a drag plane in a virtual three dimensional (3D) space. More specifically the elements of these independent claims include the limitations of selecting the object at an initial location using a cursor, moving the cursor to a from the initial location, creating generating a reference plane extending through the initial location, projecting movement of the cursor from the initial location to an interim point on the reference plane, projecting the cursor from the interim point on the reference plane onto to a final location the drag plane, and displaying rendering the object on the drag plane at the final location.

Brown, on the other hand, discloses a 3D input system for CAD systems. The Examiner suggests that various portions of Brown disclose the elements of independent Claims 1, 11 and 21. Applicants strongly disagree. Specifically, Brown does not

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disclose a drag plane and a reference plane, as claimed. For example, Claim 1 is directed to "moving an object on a drag plane" and one of the limitations further describes the element of "generating a reference plane extending through the initial location" of the object. This clearly implies that the drag plane and the reference plane are separate and distinct planes. Claim 1 additionally includes the elements of projecting a cursor onto a reference plane and then projecting the cursor from the reference plane onto the drag plane, as claimed. These elements are clearly described and further explained in the Specification, Page 4-5:

"Referring to FIG. 4, a process 60 is shown for moving object 2 in a virtual 3D space using a 2D I/O interface. Briefly, process 60 starts with selecting object 2 and moving a cursor to a desired location. Referring to FIG. 5, process 60, moves object 2 to the desired location through the use of a reference plane 40 by projecting cursor movements onto reference plane 40 prior to projecting object 2 onto drag plane 35. In other words, object 2 is moved to the desired location by projecting the cursor onto reference plane 40 and then folding reference plane 40 onto drag plane 35 and projecting object 2 at a point where the cursor is on drag plane 35."

Brown does not disclose any such distinction between a drag plane and a reference plane. The sections of Brown highlighted by the Examiner do not describe a drag pane or a reference plane, not do they describe projecting a cursor onto a reference plane and then projecting the cursor from the reference plane onto the drag plane, as claimed. Additionally, there is no explanation of how the primary, secondary and/or construction planes in these highlighted sections of Brown relate in any way to the drag plane and reference plane claimed herein. The Examiner points to this block of text that includes references to "planes" and simply states that these sections of Brown disclose the claimed elements. Applicants respectfully submit that this is not the case. There is no description in these sections of Brown of any relationship between the planes as claimed, i.e., these elements in Brown do not correspond to the drag and reference plane as claimed in the present invention. Applicants therefore respectfully submit that Brown does not teach all the elements of independent Claims 1, 11 and 21. Similarly, since all claims dependant on Claims 1, 11 and 21 also incorporate these elements not taught by Brown, Applicants submit that Brown also does not anticipate the dependant claims in

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the application. Applicants therefore respectfully request the Examiner to withdraw the 35 U.S.C. § 102 rejections to pending Claims 1-5, 7-15, 17-25 and 27-30.

35 U.S.C. §103

Claims 6, 16 and 26 stand rejected under U.S.C. §103(a) as being unpatentable over Brown. Applicants respectfully traverse the Examiner's rejection of these claims.

Applicants respectfully point out that since Claims 6, 16 and 26 are dependant on independent Claims 1, 11 and 21, the above discussion with respect to the 35 U.S.C. § 102 rejection above is also applicable here. In other words, Applicants submit that since Brown does not teach all the elements of the independent, and the dependant claims incorporate all elements of the independent claims, Brown does not render any of the claims unpatentable. Applicant therefore submits that Claims 6, 16 and 26 are patentable over Brown and respectfully requests the Examiner to withdraw the 35 U.S.C. §103 rejection to these pending claims.

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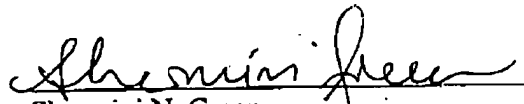
CONCLUSION

Based on the foregoing, Applicants respectfully submit that the applicable objections and rejections have been overcome and that pending Claims 1-30 are in condition for allowance. Applicants therefore respectfully request an early issuance of a Notice of Allowance in this case. If the Examiner has any questions, the Examiner is invited to contact the undersigned at (310) 406-2362.

If there are any additional charges, please charge Deposit Account No. 50-0221.

Respectfully submitted,

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